

Soil Legends

A soil legend includes a list of symbols and names that identify each soil map unit in the soil survey area. The symbol serves as a link between the map sheets, detailed soil map unit descriptions, and tables with soil properties and interpretations information. In published soil survey reports, the legend is located in the index to map units and on the back of the Index to Map Sheets. Individual symbols precede the map unit name in the “soil descriptions” section and represent specific areas on the map sheets.

Currently, map unit symbols vary by county and consist of numbers, letters, or a combination of numbers and letters (examples: 33, Br, MoD2, 10C, 50008). Counties with symbols of one, two, or three digits or two letters represent the kind of soil or miscellaneous land areas. A capital letter of A, B, C, D, E, or F following a number or lower case letter indicates the class of slopes. Soils without a slope letter are for those map units that are nearly level. A final number of 2 following a letter indicates that the soil is eroded. A number 3 indicates that the soil is severely eroded. Miscellaneous areas with a considerable range of slope may not have slope classes indicated.

Newer soil surveys in Missouri will use a five digit map unit symbols in the soil legend. The five digit map unit symbols are the start of an effort to develop a statewide soil legend. The first digit will identify the Major Land Resource Area (MLRA) and the remaining four digits will identify the landform for the map unit. Example:

MLRA	Symbol Number	Landform Number	Landform Name
107	10000	10000-12499	Upland
		12500-13499	Stream terrace
		13500-14999	Flood plain

This subsection includes:

- **(a) Soil Map Units in the County**

Map symbol	Soil name	Acres	Percent
Br	Bremer silt loam, rarely flooded-----	10,150	3.4
Ca	Carlow silty clay, occasionally flooded-----	4,350	1.4
Ch	Chariton silt loam, rarely flooded-----	3,350	1.1
Ed	Edina silt loam-----	500	0.2
Fa	Fatima silt loam, frequently flooded-----	7,900	2.6
Fr	Freeburg silt loam, 0 to 3 percent slopes, occasionally flooded-----	2,750	0.9
GaC	Gara and armstrong loams, 5 to 9 percent slopes-----	14,100	4.7
GaD	Gara and armstrong loams, 9 to 14 percent slopes-----	3,100	1.0
GcC3	Gara and armstrong clay loams, 5 to 9 percent slopes, severely eroded----	2,550	0.8
GnB	Greenton silt loam, 2 to 5 percent slopes-----	1,000	0.3
GnC	Greenton silt loam, 5 to 9 percent slopes-----	9,300	3.1
GnD	Greenton silt loam, 9 to 14 percent slopes-----	1,250	0.4
GrB	Grundy silt loam, 2 to 5 percent slopes-----	8,850	2.9
GrC	Grundy silt loam, 5 to 9 percent slopes-----	3,600	1.2
Gu	Gullied land-----	1,150	0.4
HaB	Hatton silt loam, 2 to 5 percent slopes-----	1,100	0.4
HaC	Hatton silt loam, 5 to 9 percent slopes-----	2,950	1.0
Hn	Haynie silt loam, occasionally flooded-----	7,350	2.4
Ho	Hodge loamy fine sand, occasionally flooded-----	3,800	1.3
KnC	Knox silt loam, 5 to 9 percent slopes-----	2,100	0.7
KnD3	Knox silt loam, 9 to 14 percent slopes, severely eroded-----	2,750	0.9
KnE3	Knox silt loam, 14 to 30 percent slopes, severely eroded-----	4,650	1.5
LaB	Ladoga silt loam, 2 to 5 percent slopes-----	3,350	1.1
LaC	Ladoga silt loam, 5 to 9 percent slopes-----	4,150	1.4
Le	Leta silty clay, occasionally flooded-----	12,800	4.2
LnE	Lindley loam, 14 to 30 percent slopes-----	13,700	4.5
LrE3	Lindley clay loam, 14 to 30 percent slopes, severely eroded-----	3,100	1.0
LsC	Lindley and keswick loams, 5 to 9 percent slopes-----	4,150	1.4
LsD	Lindley and keswick loams, 9 to 14 percent slopes-----	7,150	2.4
LwD3	Lindley and keswick clay loams, 9 to 14 percent slopes, severely eroded--	7,800	2.6
M-W	Miscellaneous water-----	38	*
MaC	Mandeville silt loam, 5 to 9 percent slopes-----	1,700	0.6
MaD	Mandeville silt loam, 9 to 14 percent slopes-----	9,300	3.1
MaE	Mandeville silt loam, 14 to 30 percent slopes-----	4,250	1.4
MbD3	Mandeville silty clay loam, 9 to 14 percent slopes, severely eroded-----	1,450	0.5
Mc	Marion silt loam-----	1,250	0.4
MhB	Marshall silt loam, 2 to 5 percent slopes-----	3,350	1.1
MhC	Marshall silt loam, 5 to 9 percent slopes-----	2,300	0.8
MkC	Mcgirk silt loam, 5 to 12 percent slopes-----	4,000	1.3
MnB	Menfro silt loam, 2 to 5 percent slopes-----	900	0.3
MnC	Menfro silt loam, 5 to 9 percent slopes-----	9,350	3.1
MnD	Menfro silt loam, 9 to 14 percent slopes-----	3,950	1.3
MnD3	Menfro silt loam, 9 to 14 percent slopes, severely eroded-----	2,400	0.8
MnE	Menfro silt loam, 14 to 30 percent slopes-----	9,280	3.1
MoB	Mexico silt loam, 2 to 5 percent slopes-----	650	0.2
Mu	Moniteau silt loam, occasionally flooded-----	1,950	0.6
NaB	Napier silt loam, 2 to 5 percent slopes-----	950	0.3
Nd	Nodaway silt loam, occasionally flooded-----	19,600	6.5
NoE	Norris-rock land complex, 10 to 30 percent slopes-----	11,700	3.9
PrB	Pershing silt loam, 2 to 5 percent slopes-----	4,050	1.3
PrC	Pershing silt loam, 5 to 9 percent slopes-----	1,500	0.5
Rw	Riverwash-----	750	0.2
Sa	Sarpy sand, occasionally flooded-----	830	0.3
ShB	Sharpsburg silt loam, 2 to 5 percent slopes-----	5,500	1.8
ShC	Sharpsburg silt loam, 5 to 9 percent slopes-----	3,700	1.2
SM	Strip mines-----	300	*
W	Water-----	1,312	0.4
WeB	Weller silt loam, 2 to 5 percent slopes-----	2,300	0.8
WeC	Weller silt loam, 5 to 9 percent slopes-----	8,950	3.0
WnB	Winfield silt loam, 2 to 5 percent slopes-----	2,100	0.7
WnC	Winfield silt loam, 5 to 9 percent slopes-----	19,700	6.5
WnD	Winfield silt loam, 9 to 14 percent slopes-----	3,700	1.2

See footnote at end of table.

Table A.--Acreage and Proportionate Extent of the Soils--Continued

Map symbol	Soil name	Acres	Percent
WnD3	Winfield silt loam, 9 to 14 percent slopes, severely eroded-----	3,650	1.2
	Total-----	301,510	100.0

* Less than 0.1 percent.

